

## CLAIMS

### What is claimed is:

1. A fluid bearing module comprising:
  - 5 a bearing seat, which is selectively installed on a stator and has a capacity and an opening connecting to the capacity;
  - a bearing, which is installed in the capacity of the bearing seat and has a hollow space for selectively installing an axis of a rotor, with a lubricant medium filled between the bearing and the rotor and the rotor connecting to the stator in a rotatable way;
  - 10 a deflecting member, which protrudes from the side of the opening of the bearing seat and buckles in a groove of the axis, bending toward and away from the capacity; and
  - an impediment, which protrudes from the side of the opening of the bearing seat and has an inner diameter greater than the inner diameter of the deflecting member to restrict the deflecting member from bending toward the opening and to prevent the axis from departing;
  - 15 wherein the deflecting member and the impediment forms a maze channel to keep the lubricant medium within.
2. The fluid bearing module of claim 1, wherein the bearing seat has an annular  
20 groove for installing the deflecting member and the impediment.
3. The fluid bearing module of claim 2, wherein the deflecting member is a buckle.
4. The fluid bearing module of claim 2, wherein the impediment is a buckle.
5. The fluid bearing module of claim 1 further comprising a second impediment

protruding from the opening side of the bearing seat near the capacity and having an inner diameter greater than the inner diameter of the impediment.

6. The fluid bearing module of claim 1, wherein the deflecting ability of the deflecting member is greater than that of the impediment.